


INSPECTION REPORT

APPLICABLE DOC. REF. AMS02-PDS PFM Manufacturing and Inspection Plan PDS-PL-CGS-001 is. 1	PROC. REF. N.A.
ITEM INSPECTED (Name, P/N, S/N) AMS02-PDS PFM – PB2 Module Assy p/n:11-AMS02PDS-700.00 s/n:08 (pcb s/n:07-008/B) – Inspection Point.	
REQUIREMENT SATISFIED Manufacturing according to aerospace standards	
INSPECTION (Action/Results) DESCRIPTION Inspection was performed at Carlo Gavazzi Space premises starting on 18 June 2008 and was carried out on the following board, detail of the inspected board was below reported: 1) PB2 Module Assy p/n:11-AMS02PDS-700.00 s/n:08 (pcb s/n:07-008/B).	
HARDWARE REVIEW 1) PB2 Module Assy p/n:11-AMS02PDS-700.00 s/n:08 (pcb s/n:07-008/B), Assy:11-AMS02PDS-700.00 rev./, Parts List:11-AMS02PDS-700.01 rev./, Electrical Scheme:11-AMS02PDS-700.02 rev./, Master PCB:SPO-PD-020500-DR-03-CGS rev./. The following NCRs were presented during the inspection: <ul style="list-style-type: none"> NCR-PDS-CGS-C-010(electronic components assembly problems), NCR classified "minor" is still open during the inspection activity, the following corrective actions will be performed: glue the component C47 with adhesive EC 2216 B/A, perform a visual inspection of the previous rework. NCR-PDS-CGS-C-035(PB2 outlet lines design improvement), NCR classified "minor" is closed. NCR-PDS-CGS-C-048(PB2 board bracket conductance optimization), NCR classified "minor" is still open during the inspection activity, the following corrective actions will be performed: mount card-retainer MWEN226-8.00TM2LR. The following PLVVs (Parts List Variation Sheet) were presented during the inspection: <ul style="list-style-type: none"> 11-AMS02PDS-700.01 rev / - A1 can be considered closed. 11-AMS02PDS-700.01 rev / - A2 can be considered closed. 11-AMS02PDS-700.01 rev / - A3 is still open. 11-AMS02PDS-700.01 rev / - A4 can be considered closed. 11-AMS02PDS-700.01 rev / - A12 can be considered closed. 11-AMS02PDS-700.01 rev / - A16 is still open. On the pcb the following components are not mounted:U11 (AD590), CL1, CL4, Q1, Q2, Q3, Q4, Q10, Q11. The H/W has been visually inspected and is ok: no damage, visible clean is ok.	
Operator	Quality Assurance
Signature	C.C.
Date	

E. FRANCINI
18/06/08

C. CINQUEPALMI
C. Cinquepalmi
18/06/08

 <p>CARLO GAVAZZI SPACE SpA</p>	<h1>AMS02-PDS</h1>	<p>DOC N°: PDS-RP-CGS-019</p> <p>ISSUE : 1 DATE: 18/06/2008</p> <p>PAGE : 2 of 2</p>
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APPLICABLE DOC. REF. See page 1	PROC. REF. See page 1
ITEM INSPECTED (Name, P/N, S/N) See page 1	
REQUIREMENT SATISFIED See page 1	
INSPECTION (Action/Results) <u>CONCLUSION</u> <p>All solder joints are of adequate quality, the soldering process complies to ECSS-Q-70-08 and ECSS-Q-70-38, all modifications are performed according to ECSS-Q-70-28.</p> <p>The open points are here listed:</p> <ol style="list-style-type: none"> 1) On the pcb the following components are not mounted: U11 (AD590), CL1, CL4, Q1, Q2, Q3, Q4, Q10, Q11. 2) The PLVSS 11-AMS02PDS-700.01 rev / - A3 and 11-AMS02PDS-700.01 rev / - A16 are still open. 3) NCR-PDS-CGS-C-010(electronic components assembly problems), NCR classified "minor" is still open during the inspection activity, the following corrective actions will be performed: glue the component C47 with adhesive EC 2216 B/A, perform a visual inspection of the previous rework. 4) NCR-PDS-CGS-C-048(PB2 board bracket conductance optimization), NCR classified "minor" is still open during the inspection activity, the following corrective actions will be performed: mount card-retainer MWEN226-8.00TM2LR. 	
Operator Signature Date	Quality Assurance <i>E. FRANCINI</i> <i>18/06/08</i>
C.C. <i>C. CINQUEPACINI</i> <i>18/06/08</i>	